

Converting Colors

$Yxy(71.8649, 0.2875, 0.3347)$

Have a look what the booklet for
Yxy(71.8649, 0.2875, 0.3347)
contains.

Yxy(71.8595, 0.2875, 0.3347)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.8595, 0.2875, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	BAE5E0
RGB	186, 229, 224
RGB Percent	73%, 90%, 88%
CMY	0.2704, 0.1020, 0.1217
CMYK	0.19, 0.00, 0.02, 0.10
HSL	173°, 45%, 81%
HSV	173°, 19%, 90%
XYZ	61.7257, 71.8595, 81.1130
YIQ	215.5730, -24.0230, -10.6710

Conversions

Conversions Part 2

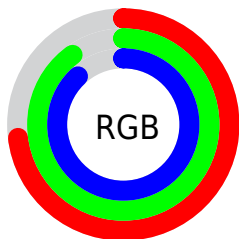
Format	Color
RYB	186, 209, 229
Decimal	12248544
CIELab	87.90, -14.86, -2.16
CIElCh	88, 15.014, 188.288
Yxy	71.8595, 0.2875, 0.3347
Android (android.graphics.Color)	4290438624 (0xFFBAE5E0)
YUV	215.5730, 4.1545, -25.9355
Hunter-Lab	84.7700, -18.3717, 2.6068

Details

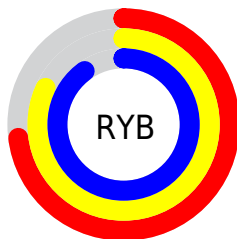
The Yxy color **71.8595, 0.2875, 0.3347** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.5556, 0.3452, 0.3234**, and the grayscale version is **68.3518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **37.6572, 0.2813, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **69.0753, 0.2753, 0.3381**, and if you desaturate by 10%, it is **75.1115, 0.3006, 0.3315**.

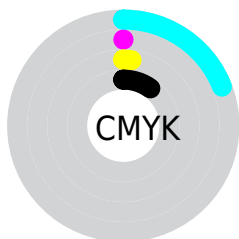
Distribution



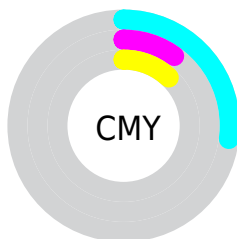
- Red (73%)
- Green (90%)
- Blue (88%)



- Red (73%)
- Yellow (82%)
- Blue (90%)



- Cyan (19%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)





- Cyan (27%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8595, 0.2875, 0.3347 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 71.8595, 0.2875, 0.3347 by changing the saturation by 10% instead.


 71.8595, 0.2875,
0.3347

 71.8595, 0.2875,
0.3347


467.0524, 0.2991,
0.3321

 53.0439, 0.2848,
0.3353


 121.8568, 0.2915,
0.3338

 37.8378, 0.2816,
0.3360


153.8072, 0.2931,
0.3335

 25.8568, 0.2774,
0.3368


190.9047, 0.2945,
0.3332

 16.7166, 0.2720,
0.3379

233.5338, 0.2956,
0.3329

 10.0326, 0.2646,
0.3394

282.0786, 0.2967,
0.3327

 5.4206, 0.2539,
0.3415

336.9238, 0.2976,

 2.4961, 0.2373,

0.3325

0.3444

398.4536, 0.2984,
0.3323

0.8747, 0.1910,
0.3565

0.0000, 0.0000,
0.0000

71.8595, 0.2875,
0.3347

71.8595, 0.2875,
0.3347

69.0753, 0.2753,
0.3381

75.1115, 0.3006,
0.3315

66.7283, 0.2643,
0.3418

78.8430, 0.3145,
0.3287

64.7977, 0.2549,
0.3456

83.0759, 0.3286,
0.3261

63.2577, 0.2472,
0.3496

83.2797, 0.3270,
0.3234

■ 62.0795, 0.2413,
0.3537

■ 83.4357, 0.3253,
0.3208

■ 61.2304, 0.2375,
0.3578

■ 83.5940, 0.3235,
0.3182

■ 60.6717, 0.2355,
0.3619

■ 83.7548, 0.3218,
0.3156

■ 60.3453, 0.2351,
0.3659

■ 83.9179, 0.3200,
0.3130

■ 60.3112, 0.2351,
0.3664

■ 84.0833, 0.3183,
0.3104

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8595, 0.3028, 0.3503



71.8595, 0.2875, 0.3347



71.8595, 0.2790, 0.3180

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8595, 0.2875, 0.3347



71.8595, 0.3037, 0.3004



71.8595, 0.3473, 0.3521

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.8595, 0.2875, 0.3347



55.5556, 0.3452, 0.3234

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8595, 0.3477, 0.3384



71.8595, 0.2875, 0.3347



71.8595, 0.3221, 0.3091

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



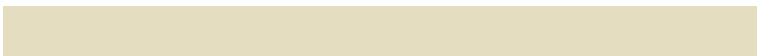
71.8595, 0.2875, 0.3347



71.8595, 0.2881, 0.2988



71.8595, 0.3384, 0.3228



71.8595, 0.3374, 0.3602

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8595, 0.2875, 0.3347



71.8595, 0.2781, 0.3087



71.8595, 0.3384, 0.3228



71.8595, 0.3485, 0.3480

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.8625, 0.2875, 0.3347



97.0979, 0.3044, 0.3307



70.7613, 0.3142, 0.3797



20.7183, 0.3035, 0.3309



0.0000, 0.0000, 0.0000



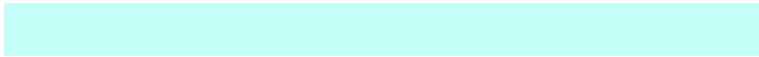
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8625, 0.2875, 0.3347



90.0880, 0.2820, 0.3362



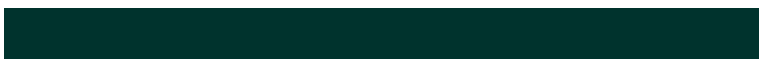
63.8135, 0.2836, 0.3106



16.3058, 0.2997, 0.3318



34.4945, 0.2349, 0.3658



2.5573, 0.2333, 0.3599

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.5556, 0.3452, 0.3234



65.2203, 0.3548, 0.3220



62.3471, 0.3462, 0.3467



14.3953, 0.3274, 0.3263



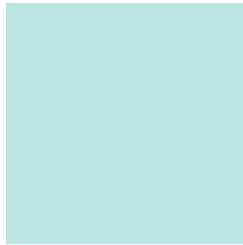
9.5781, 0.6253, 0.3218



0.7169, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 71.8595, 0.2875, 0.3347 looks on a white background.

Color Contrast Check

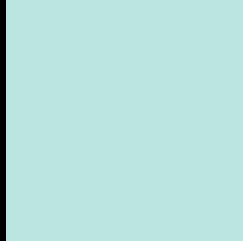
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 71.8595, 0.2875, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

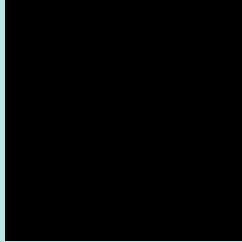
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

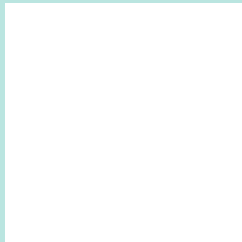
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8595, 0.2875, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 71.8595, 0.2875, 0.3347.

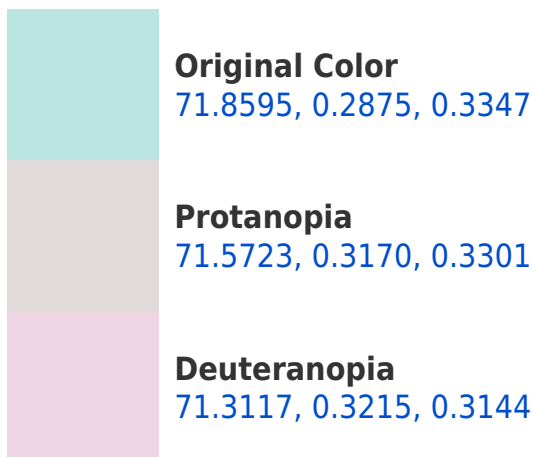


This preview shows how white text looks on a background with the Yxy color 71.8595, 0.2875, 0.3347.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

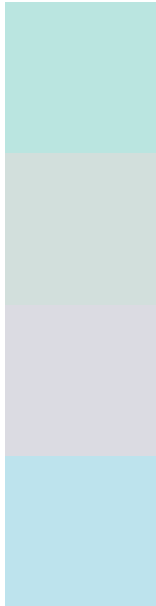




Tritanopia

71.8715, 0.2783, 0.3089

Trichromacy



Original Color

71.8595, 0.2875, 0.3347

Protanomaly

71.6443, 0.3056, 0.3323

Deuteranomaly

71.2141, 0.3081, 0.3214

Tritanomaly

71.8714, 0.2817, 0.3177

Monochromacy



Original Color

71.8595, 0.2875, 0.3347

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.8065, 0.3028, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8595, 0.2875, 0.3347 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(186, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(186, 229, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(186, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 229, 224) }
```

Border

The CSS property to change the border of an element to Yxy 71.8595, 0.2875, 0.3347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 229, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(186, 229, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(186, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(186, 229,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8595, 0.2875, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 229, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(186,  
229, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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